

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION CAPITAL AND PROJECT USE ENERGY COSTS BY COMPONENT
AS OF SEPTEMBER 30, 2000
2002 IRRIGATION WATER RATES

Allocation of Project Use Energy Costs							
Component/Facility		Irrigation Capital Costs at 09/30/00	Historical & Projected (1981-2030) KWH Per AF	Ratio of Total	Central Valley Project		Total Capital at 09/30/00
					(BOR)	(DOE)	
					3/	3/	
Storage	1/, 7/, 8/		3/				
San Felipe Unit Contractors		4,148,472					4,148,472
All Other Contractors		360,270,356	12,232,084,609	0.209408	19,179,056	7,480,311	386,929,723
Total Storage	2/	364,418,827	12,232,084,609	0.209408	19,179,056	7,480,311	391,078,195
Conveyance							
Contra Costa WD	6/, 8/	196,903					196,903
All Other Contractors	4/	410,869,730					410,869,730
Total Conveyance		411,066,633					411,066,633
Conveyance Pumping							
Corning Pumping Plant		2,563,888	119,146,595	0.002040	186,814	72,862	2,823,563
Dos Amigos Pumping Plant		12,097,869	7,980,479,303	0.136622	12,512,836	4,880,318	29,491,022
O'Neill Pump-Generator Plant		11,378,220	3,332,764,847	0.057055	5,225,543	2,038,092	18,641,856
Tracy Pumping Plant		22,484,453	26,058,645,125	0.446112	40,858,140	15,935,695	79,278,288
Total Conveyance Pumping		48,524,429	37,491,035,870	0.641830	58,783,332	22,926,968	130,234,729
Direct Pumping	7/						
Bella Vista WD (Wintu PP)		864,371	278,504,382	0.004768	436,675	170,314	1,471,361
Colusa County WD Canalside Relifts		12,635,431	373,339,299	0.006391	585,370	228,309	13,449,110
Colusa Service Area - Cortina		141,792					141,792
Colusa Service Area - Davis		180,305					180,305
Contra Costa Pumping Plants			5,637,824	0.000097	8,840	3,448	12,287
Corning WD Canalside Relifts		2,779,735	187,569,538	0.003211	294,096	114,705	3,188,536
Dunnigan WD Canalside Relifts		1,700,234	4,187,085	0.000072	6,565	2,561	1,709,359
Kanawha WD Canalside Relifts		2,753,824	47,546,234	0.000814	74,549	29,076	2,857,449
Orland-Artois WD Canalside Relifts		7,496,789	102,261,571	0.001751	160,339	62,536	7,719,665
Panoche WD Relifts		16,069	2,553,579	0.000044	4,004	1,562	21,635
Proberta WD Canalside Relifts		172,158	8,179,563	0.000140	12,825	5,002	189,985
San Benito County WD:							
Pacheco Pumping Plant		5/	226,151,931	0.003872	354,590	138,299	492,890
Gianelli, William R. Pump-Generator Plant	1/	167,147	355,473,825	0.006086	557,358	217,384	941,888
San Luis WD Canalside Relifts & Turnouts		8,224,681	1,307,670,784	0.022387	2,050,337	799,683	11,074,700
Santa Clara Valley WD:							
Coyote Pumping Plant		5/	47,297,690	0.000810	74,159	28,924	103,084
Pacheco Pumping Plant		5/	164,330,314	0.002813	257,658	100,493	358,152
Gianelli, William R. Pump-Generator Plant	1/	121,455	258,300,360	0.004422	404,997	157,959	684,411
State-Delta Pumping Plant (Cross Valley Canal)			1,367,000,638	0.023402	2,143,362	835,965	2,979,326

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		Historical & Projected (1981-2030) KWH Per AF 3/	Ratio of Total	Central Valley Project		
				(BOR)	(DOE)	
				3/	3/	
Westlands WD:						
Pleasant Valley Canalside Relifts	1,338,664	12,578,643	0.000215	19,722	7,692	1,366,079
Pleasant Valley Pumping Plant	9,884,398	921,503,127	0.015776	1,444,853	563,529	11,892,779
Westlands WD Canalside Relifts	36,230,436	2,965,134,991	0.050762	4,649,125	1,813,275	42,692,836
Westside WD Canalside Relifts	7,002,377	54,404,056	0.000931	85,302	33,270	7,120,948
Total Direct Pumping	91,709,866	8,689,625,434	0.148762	13,624,727	5,313,984	110,648,577
San Luis Drain	46,444,033					46,444,033
Grand Total	962,163,789	58,412,745,913	1.000000	91,587,116	35,721,262	1,089,472,167
OUT-OF-BASIN COSTS - SAN FELIPE UNIT						
	5/					
Conveyance	63,187,781					63,187,781
Direct Pumping	14,008,019					14,008,019
Total	77,195,800					77,195,800

Footnotes:

1/ Allocation of Storage Costs:

	San Felipe Unit				Total
	Storage	Suballocation of Storage Costs (Dir. Pump. Appl. to SL/PG)		All Other Storage Contractors	
		San Benito	Santa Clara		
Historical and Projected 1981-2030 Irrigation Del. (Sch A-7)	1,857,670	1,075,889	781,781	150,834,445	152,692,115
Ratios	0.012166	0.579161	0.420839	0.987834	1.000000
Allocated Gianelli, WR Pump-Generator Costs	288,601	167,147	121,455	23,433,137	23,721,739
Allocated Other Storage Costs	4,148,472			336,837,218	340,985,690
Total	4,437,073	167,147	121,455	360,270,356	364,707,429

2/ Includes \$14,534,810 adjustment for Corps of Engineers Obligations Assumed (Hidden & Buchanan).

3/ These costs represent the total Pumping Project Use Power costs allocated to Irrigation for the CVP Bureau of Reclamation (BOR) and Western Area Power Administration (DOE). The costs are allocated to components based on the ratios identified above under "Allocation of Project Use Energy Costs". They are then suballocated to individual facilities based on the historical and projected 1981-2030 KWHs/AF.

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Footnotes: (continued)

- 4/ Glide WD does not have a distribution system, therefore the cost of the Relift Pumping Plant is included in conveyance for ratesetting purposes.
- 5/ These costs are part of the total Out-of-Basin costs, which are the specific repayment responsibility of the Out-of-Basin contractors (San Benito County WD and Santa Clara Valley WD). As a result, they are excluded from allocation to the In-Basin contractors.
- 6/ Contra Costa Water District's conveyance facility costs are handled through a repayment contract.
- 7/ The Storage, Conveyance, and Direct Pumping components per Table 20 - Capital Costs for 2002 Water Service Rates Central Valley Project, California as of September 30, 2000 differ from those shown in Ratesetting Schedule A-5. The differences are attributed to (1) the direct pumping costs of the Gianelli WR Pump-Generator allocated to San Felipe Unit Contractors (see Footnote 1/); (2) the allocation of Direct Pumping costs to the San Felipe Unit - these costs are treated as Out-of-Basin costs; and (3) the treatment of Glide WD Relift Pumping Plant costs (see Footnote 4/).
- 8/ Legislation was passed which provides that Sugar Pine Dam and Reservoir and Sly Park Dam and Reservoir costs be excluded, in part, from reimbursement. However, until the respective contractors, Foresthill Public Utility District and El Dorado Irrigation District, pay for a determined amount (see legislation), the costs will continue to be included in the water rates.

Reconciliation of Capital Costs for 2002 Water Service Rates CVP CA as of September 20, 2000 - Table 20 with Ratesetting - Schedule A-5:

Total Capital Costs @ 9/30/00 Per Schedule A-5	1,089,472,167		
Less: Storage	364,707,429	7/	
Conveyance			
(In-Basin)	411,066,633	7/	
(Out-of-Basin)	63,187,781		
Conveyance Pumping	48,524,429		
Direct Pumping:		7/	
(In-Basin)	91,421,265		
(Out-of-Basin - Includes PUE)	14,008,019		
San Luis Drain	46,444,033		
Project Use Energy (BOR)	91,587,116		
Project Use Energy (DOE)	35,721,262		
Subtotal	(77,195,800)		
Add: Out-of-Basin Costs			
Conveyance	63,187,781		
Direct Pumping (Includes PUE)	14,008,019		
Difference	(0)		77,195,800

Sources:

Schedules A-7 and A-12
Table 20 - Capital Costs for 2002 Water Service Rates Central Valley Project, California As of September 30, 2000, dated May 11, 2001
Financial Statement for Period Ending September 30, 2000 Central Valley Project, California - Consolidated
CVO Schedule of KWH's per acre foot